



Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

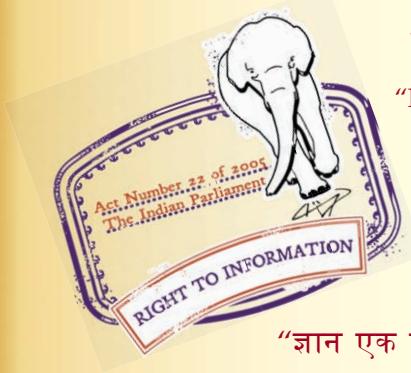
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ़”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6443 (1971): Lifters and cleaners for use in foundries
[MTD 14: Foundry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



BLANK PAGE



PROTECTED BY COPYRIGHT

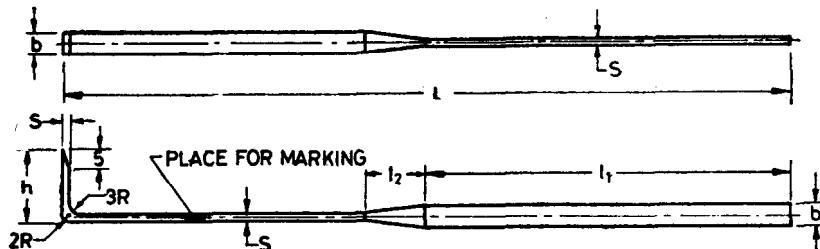
Indian Standard
SPECIFICATION FOR
LIFTERS AND CLEANERS FOR USE IN FOUNDRIES

"RE-CONFIRMED 1990"

- 1. Scope** — Covers requirements for lifters and cleaners for use in foundries.
- 2. Application** — Lifters and cleaners are used to give a smooth surface to the sand mould and clean the sand fallen into the mould.
- 3. Dimensions** — Dimensions of lifters and cleaners shall be as specified in Tables 1 to 3.

TABLE 1 DIMENSIONS OF TYPE A — STRAIGHT LIFTERS AND CLEANERS

All dimensions in millimetres.

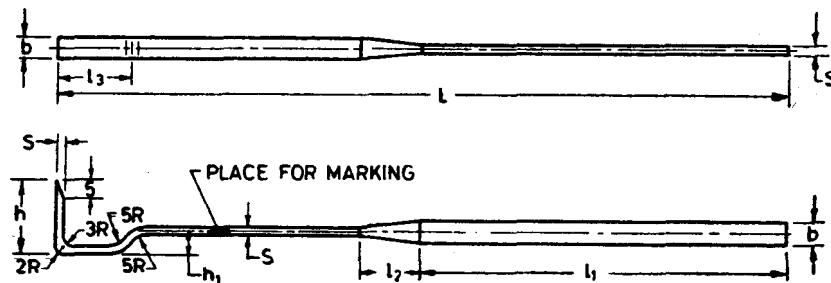


<i>L</i>	<i>l₁</i>	<i>l₂</i>	<i>b</i>	<i>h</i>	<i>S</i>
200	100	16	6	20	2.0
300	160	25	16	40	2.5
400	200	32	20	50	3.0

Designation of a straight lifter and cleaner of length 200 mm: Lifter and Cleaner — 200 IS : 6443

TABLE 2 DIMENSIONS OF TYPE B — BENT LIFTERS AND CLEANERS

All dimensions in millimetres.

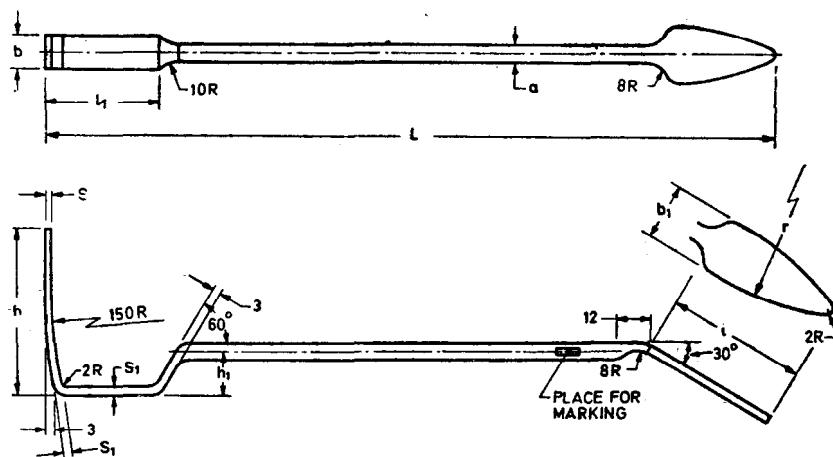


<i>L</i>	<i>l₁</i>	<i>l₂</i>	<i>l₃</i>	<i>b</i>	<i>h</i>	<i>h₁</i>	<i>S</i>
200	100	16	20	6	20	6	2.0
300	160	25	32	16	40	10	2.5
400	200	32	40	20	50	12	3.0

Designation of a bent lifter and cleaner of length 200 mm: Bent Lifter and Cleaner — 200 IS : 6443

TABLE 3 DIMENSIONS OF TYPE C—BENT LIFTERS WITH LANCETS

All dimensions in millimetres.



L	I	l_1	b	b_1	h	h_1	S	S_1	r	a
160	32	25	5	10	25	8	1.0	1.6	70	4
200	40	32	8	16	40	12	1.6	2.5	85	5
250	50	40	12	20	60	16	2.0	3.0	100	6

Designation of a bent lifter with lancet of length 160 mm: Lifter Lancet — 160 IS : 6443

4. Material—Tool steel T80, IS : 3749-1966 'Specification for tool and die steels for cold work'.

5. Tolerance—Coarse class in IS : 2102-1969 'Allowable deviations for dimensions without specified tolerances (first revision)'.

6. Marking—Mark with the following:

- Designation, and
- Name or trade-mark of the manufacturer.

6.1 Certification Marking—Details available with the Bureau of Indian Standards.

7. Packing—Each tool shall be packed separately in moisture-proof paper. Tools of same size and type shall be packed in cartons containing 12 instruments in each and reinforced with strips and glue. Cartons may be placed in wooden boxes weighing not more than 50 kg overall. The cartons and wooden boxes may be marked with the information given under 6 and number of pieces.

8. Supply—As specified in IS : 1387-1967 'General requirements for the supply of metallurgical materials (first revision)'.